

**Abstract**

The invention relates to hardly soluble antiphlogistic salts and antiphlogistic-antibiotic pharmaceutical preparations and their use. The hardly water soluble antiphlogistic antibiotics salts have as their cationic component one of the antibiotics gentamicin, clindamycin, neomycin, streptomycin, tetracycline, doxycycline, oxytetracycline and rolitetracycline and as their anionic component one of the antiphlogistics ibuprofen, naproxen, indomethacin, dexamethasone-21-phosphate, dexamethasone-21-sulfate, triamcinolone-21-phosphate and triamcinolone-21-sulfate. The antiphlogistic antibiotics salts are used in pharmaceutical preparations as controlled-release antibiotic/antibiotics drugs. The invention describes antiphlogistic-antibiotic pharmaceutical preparations for which mixtures in the solid state of aggregation are used, which are composed of an easily water soluble salt of gentamicin, clindamycin, neomycin, streptomycin, tetracycline, doxycycline, oxytetracycline and/or rolitetracycline and at least one easily water soluble salt of ibuprofen, naproxen, indomethacin, dexamethasone-21-phosphate, dexamethasone-21-sulfate, triamcinolone-21-phosphate and/or triamcinolone-21-sulfate and at least one inorganic and/or organic pharmaceutical adjuvant and which are used as permanent or temporary implants in the form of tablets and/or molded bodies.